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BARG NEWS

MAY 1982

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Ballarat Amateur Radio Group VK3BML

P.O. BOX 216E
BALLARAT EAST, VICTORIA, 3350

COMMITTEE 1981/82

POSITION	NAME	CALLSIGN	TEL(H)	TEL(W)
PRESIDENT	DICK ANTOSIEWICZ	VK3VSE/ACV	323273	321818
VICE PRESIDENT	ERNIE TURNER	VK3DET	326964	370375
SECRETARY	HENRY MORITZ	VK3VHG	327569	301800
ASS. SECRETARY	DICK FORRESTER	VK3VU	357663	391005
TREASURER	KEITH GRADY	VK3NWN	327016	370271
TECH OFFICER	PHIL SEDDON	VK3AQN	315220	313166
QSL/AWD MGR	MAURIE BATT	VK3-13062	422245	*****
PUBLICITY	GEORGE LANCE	VK3DS	323226	*****
EDUCATION	JIM HUMPHREYS	VK3AHH	321613	321719
NEWSLETTER	CLEM JARVIS	VK3YDI	314179	321951
COMMITTEE	BILL JOHNSON	VK3VYP	*****	SKIPTON 22
COMMITTEE	IAN COLLIER	VK3BQC	358989	358067
COMMITTEE	GEORGE FOWLER	VK3VEI	326863	391954
COMMITTEE	HANK HILVERTS	VK3NIA	393332	*****

THE BALLARAT AMATEUR RADIO GROUP MEETS ON THE LAST FRIDAY OF EACH MONTH AT 7.30pm. THE MEETINGS ARE HELD AT THE BALLARAT EDUCATION CENTRE IN ROBERTSON ST BALLARAT 3350.

MEETING OF THE B.A.R.G. ON THE 26th of MARCH 1932

The meeting opened a bit late, about 7.50 PM

President Dick VSE welcomed several visitors, among them Peter VK3KAI; Neil Johnson and his son and others. Several APOLOGIES were received: ADT Leo; VRL Rex; DMK Clarrie.

NEW CALLS: Congratulations were extended to all those lucky stiffes who made it to the heights of FULL CALLS. George VEI, Geoff NLZ, Keith NWN and Clarrie VEZ all sported their new calls; to make matters worse(?) there was a greater surprise yet to come: The long-time SWL'er Maurie has finally taken the plunge and was also, for the first time, in the ranks of the "talkers" with his new call VK3-XEX!!! Congratulations to all.

MINUTES OF THE LAST MEETING were published in newsletter and were accepted as correct

DOK/PAF

CORRESPONDENCE None outwards; INWARDS: Call books from WIA; 2 newsletters each from Geelong and Illawarra; also from the Comm. Educ. Center; AR magazine; as well as 2 bills (passed to the treasurer for payment) and some misdirected newsletters.

TREASURERS REPORT: Current cash balance, after payment of several bills was stated as \$158.17; V3&L A/Cs On Call \$250 and the 30-day A/Cs \$300.- Some bills still need to be settled. (NWN)

DOK/DWJ

QSL & AWARDS: Maurie XEX reports no inward traffic during the past month, 450 cards were sent outward. He also mentioned that VK3 had a new outward QSL Mgr as mentioned in recent newsletter. 32 DWWA's and 12 Begonia Awards had been sold so far this year, but demand is slowing down a bit. A donation of \$50.- was made to the club's financial kitty from sale of awards, once more.

Cliff PAF reported good response to the local club net by club members on most occasions with quite a few call-ins from all over the country and some overseas callers participating.

PUBLICITY: George D3 being away in ZL, there was no official report. However, the "sunday-funday" event was discussed (NIA) and Hank mentioned that a letter of suggested changes would be sent to the organizers with some grievances which need looking into.

EDUCATION: The before-mentioned "tutor-system" needs to be worked out so that members can avail themselves of the expertise of more advanced members for study purposes for the AOCIP. A list

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of potential tutors will have to be drawn up for that purpose.

TECH.REPORT: The tech officer not being present, no report was available. However, mention was made of a working bee+Barbecue Next saturday for the purpose of cleaning up the messy razor ribbon festooning at the repeater site and volunteers were recruited.

PROPERTY OFFICER George DOK was publicly commended for his strenuous efforts during the field day event and it seemed to have been a very good affair all round, with results the best ever during such an event for the club, -even if we didn't win. Clarrie (formerly VEZ) while not able to attend, submitted a letter to the meeting suggesting a local CW net for beginners or, more to the point, for novices trying to gather speed for the AOCF. His idea was applauded and it sounds like a good thing, unfortunately, nothing definite was resolved, -maybe next time? Further business:

Somebody(?) made a report about DET and VU's adventures in holiday-land and it seems that quite a few local stations are able to contact them in 5W1 and A351 lands. Some people have all the luck, don't they?

As a new twist to an old story, Clem for once came out with a plea for LESS submissions for the magazine. Now, there's one for the books! Seems he can't get a word in edgewise, poor chap. Finally, the redundant club's call books were auctioned off and a card for Leo's impending departure was handed around for everyone to sign. This marked the end of the meeting, officially.

Bob BMC then held a rather breathtaking talk on QRP radio operation and construction, which seemed to be very interesting and illuminating to most members (while others sat there in stunned confusion, hi). QRP seems to be the latest thing in this black-box age, so let's give it a try.

The meeting finally dissolved into a general chat-about and ended about 10.30

NOTE: Ads are inserted free and can be posted or phoned in. I will publish an add until advised that it should be cancelled or what ever. If you want the add for one month only tell me otherwise it will be reprinted.

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Ernie and Dick have asked me to pass on their thanks to all those who helped out with passing messages, and the moral support whilst they were overseas.

A NOTE FROM DAVID.....There will be a meteor shower on May 6th in the Aquarius...7.00am, East from South. Listen on 52.050 Mhz, for meteor scatter.

100 99 98 97 96 95 94 93 92 91 90 89 88 87 86 85 84 83 82 81 80 79 78 77 76 75 74 73 72 71 70 69 68 67 66 65 64 63 62 61 60 59 58 57 56 55 54 53 52 51 50 49 48 47 46 45 44 43 42 41 40 39 38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

IN GENERAL BAND ~~WE~~ CONDITIONS HAVE BEEN QUITE GOOD DURING THE PAST MONTH, WITH A BIT OF ARARAL ACTIVITY FLATENING 10 + 15 ONCE OR TWICE. PROPAGATION IS CHANGING ON THE BANDS NOW THAT WE MOVE INTO OUR WINTER CYCLE AND THE BIGGEST PROBLEM AT THIS QTH IS WHICH BAND TO BE ON. AT TIMES 10 METRES HAS BEEN NEGLECTED A BIT AND ACCORDING TO REPORTS SOME VERY EXOTIC PREFIXES HAVE BEEN MISSED IE (TT/D2/TJ/GR5/90/5a etc.)

BY THE TIME THIS ISSUE HITS THE NEWSSTANDS OUR INTREPID DYERS SHOULD BE HOME
RECOVERING FROM THEIR SOJOURN THROUGH THE PACIFIC, AND WE WOULD LIKE TO THANK
THEM FOR THE TIME SPENT WORKING WITH THE BOYS FROM THE CLUB ON THE VARIOUS
BANDS AND THE SPICE THEY ADDED TO THE CLUB 80 M NET.

A lot of activity is possible during the next few weeks and of course BY is now active on CW. So maybe now you can make it 318 hi.

73's GOOD LUCK GOOD DX.,

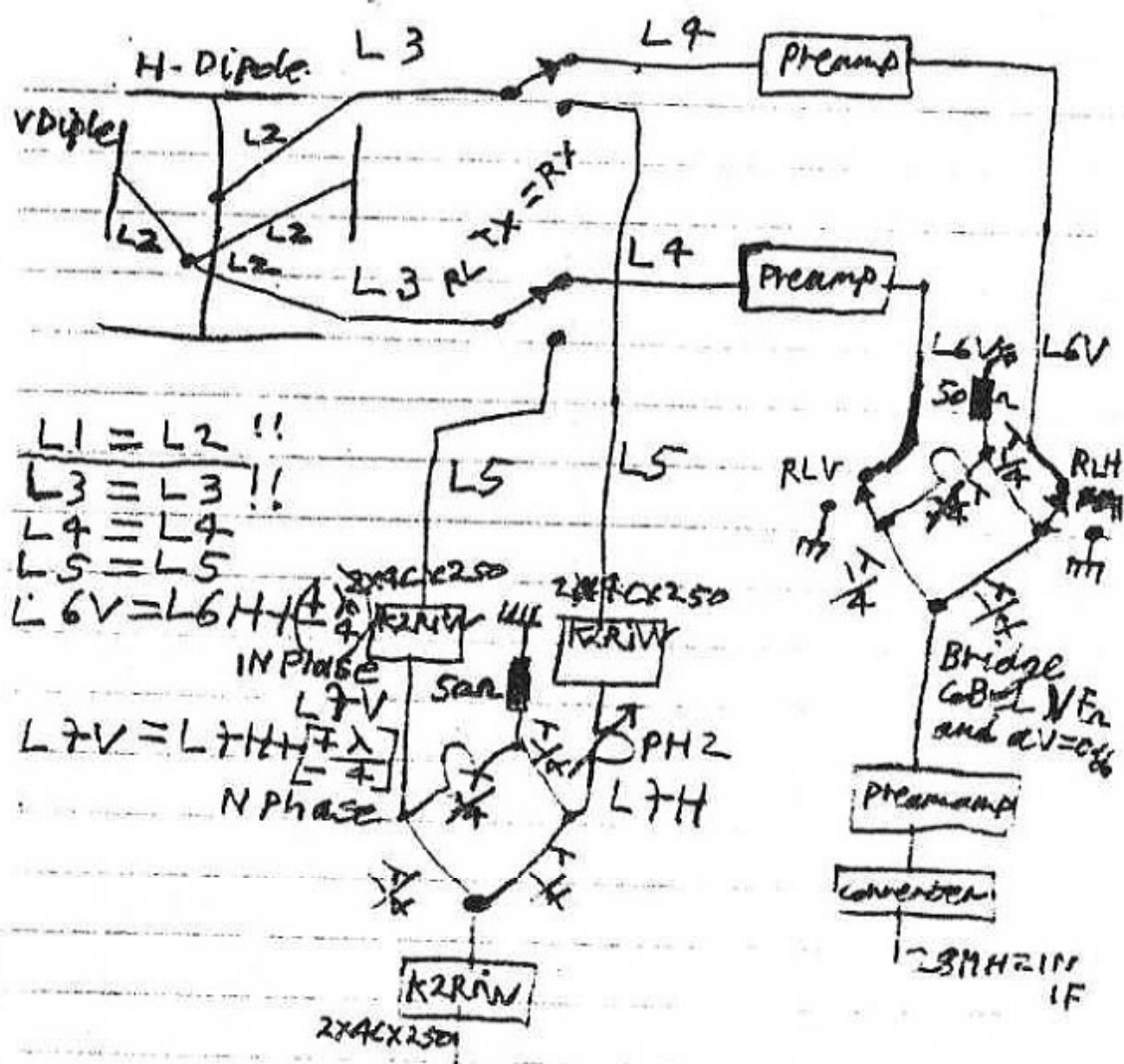
BILL - VK3DWJ.

(Station List to follow....perhaps on the next page).

Keep the notes adds and articles rolling, even a little comment. I have an interesting project from Stan which will be appearing next month. Electronic Poetry? News? Views? Suggestions? If you dont write in who will?



30 METRES H44SH / ZK2BA / T2GZH



THIS ARTICAL come from THE EME NEWS which ~~is~~ is come from USA (is only available ~~in~~ in sections set up for EME.)

RAZOR RIBBON REPORT.....

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On Sat April 3rd, a band of members of the B.A.R.G. went to the repeater site to tie down the razor ribbon that was source of interference to the device.

At 10am the following members turned up, Dick VSE, Hank NIA, Kevin WN, Phil AQM, Ian BTX, Murray AAI, and Harry KLM, later on Bill VVX and his XYL turned up.

The weather was fine but the wind was very cold and quite strong. It did not take very long to get the ladders and steps and other gear up to the top of the tower.

The ribbon was very loose in most places and leather gloves had to be worn or we would have used more band-aids than wire ties. The job was quite easy where the ribbon was close to the platform but out in open space 100ft above ground was not too good, Dick VSE was the chosen volunteer to go over the rail to do the death defying act of securing the ribbon on the outer edges of the netting, this was not an easy task as he had to hang on to a rope with one hand and secure the ribbon with the wire ties with the other and to make things more difficult he had the coils of ribbon up around his knees, in spite of all this he did a very good job of it.

Several hundred wire ties were used to complete the project and was completed late in the afternoon. Thanks to Kevin WN for supplying the wire ties and the tools.

After the job was completed and all the ladders and tools were brought down from the tower we had a barbecue, the XYL of Bill VVX was the cook and did a very good job of it and left the workers more time to knock off a few 807's and have a natter.

Listening to the repeater over a period of time the problem appears to be solved.

Maurie VK3XEX.

QSL Bureau

I had a two day trip to Melbourne and called on the Inwards QSL manager, my friend Harry VK3YOA went through all the system for club QSL cards.

We came away with a very large swag of cards for the club also a banana box full of unsorted cards, among these I found a few hundred club cards and ended up with a total of around 1000 QSL cards for the club, at the moment all cards for the club have been cleared from the bureau.

All the other cards have been sorted for the inwards bureau and my problem now is to find a large cardboard box to return them in.

I now hold a very large number of cards for club members and hope that they will collect them at the next meeting, will Art VK3LJ please let me know what to do with his cards.

Do not forget to carry out the rules of the outwards bureau, All cards in order secured with a rubber band and place the address label from your last copy of "AR" under the rubber band.

If you do send QSL cards via the outwards bureau and you are not a member of the W.I.A. you will receive a bill for 10¢ per card.

Maurie VK3XEX.

"FOR SALE"



YAESU FT200 - AC & DC POWER SUPPLY, SPEAKER, YDI48 DESK MIC FITTED. A GOOD CLEAN MACHINE, WILL PASS AND TRIAL.... A CHANCE TO GET A GOOD MACHINE..... ONLY \$375.00 THE LOT!
PHONE FRED QUICK, 323216, (VK3NIN) - After 6p.m. please.

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CW ABBREVIATIONS

^{SCMG}
(Can be followed by IMI, which makes it a question)

ABT - About	OB - Old boy
AGN - Again	OC - Old chap
ANT - Antenna	OM - Old man (most commonly used)
BK - Break or Back to you	PLS or PSE - Please
BCNU - Be seeing you	PWR - Power
B4 - Before	R - Roger/Received
CMG - Coming	RCVR - Receiver
CLD - Could	RPT - Repeat
CLDY - Cloudy	RPRT - Report
CPI or CPY - Copy	RX - Receive
CU - See you	TEMP - Temperature
CUL - See you later	TKS or TNX - Thanks
EL or ELE - Element (Antenna)	TU - Thank you
ES - And	TX - Transmit
FER - For	U - You
FM - From	UR - Your or You are
GA - Go Ahead or Good morning	URS - Yours
GB - Goodbye	WK - Work
GD or GUD - Good	WL - Will
GE - Good evening	WOT - What
GL - Good luck	WT - Watt
GM - Good morning	WX - Weather
GN - Good night	XMTR - Transmitter
HI or HEE - Laughter	XYL - Wife
HR - Here	Y - Why
HW - How	YL - Young lady or Girl friend
K - Go ahead	YR - Your or Year
KP - Keep	
LUK - Luck	

ALMOST forgot the most frequently used abbreviation = FB - Fine Business/Great/Excellent.

Clarry K - VEZ

CONTRIBUTORS.....IF YOU KNOW OF AN EVENT OR WHATEVER THAT
WILL INTEREST CLUB MEMBERS THE EDITOR MUST KNOW THE MONTH BEFORE
IF DETAILS ARE TO BE INSERTED IN THE MAGAZINE.....

CW - PUNCTUATION

Letters	Morse Symbol	Written as	Purpose
<u>AAA</u>	d dah d dah d dah	⊙	Full stop
<u>AS</u>	d dah d d dit	AS	Please wait
<u>AR</u>	d dah d dah dit	+	End of message
<u>BT</u>	dah d d d dah	=	Separative sign
<u>CT</u>	dah d dah d dah	CT	Commencing sign
E (8 times)			Error
<u>IMI</u>	d d dah dah d dit	?	Question
<u>VA</u> (or <u>SK</u>)	d d d dah d dah	VA	End of work
<u>XE</u>	dah d d dah dit	/	Oblique
<u>ZM</u>	dah dah d d dah dah	,	Comma

Frequently used "Q" signalsNOTE: "Q" signal followed by IMI makes it a question

	<u>Advice</u>	<u>Question</u>
QRA	Name of my station is —	What is the name of your station
QRL	I am (or frequency) busy	Are you (or is frequency) busy
QRO	Increase power	Shall I increase power
QRP	Decrease power	Shall I decrease power
QRQ	Send faster	Shall I send faster
QRS	Send slower	Shall I send slower
QRZ	You are being called by —	Who is calling me
QSO	I am in contact with —	Can you contact —
QSL	Acknowledged/Received	Do you acknowledge/receive
QSY	Change frequency to —	Shall I change frequency
QTH	My location is —	What is your location
QRX	Please call me again in — minutes, or at —	When will I call you again

A TIP: When tuning around, make sure that your "Clarifier" is switched OFF.

Clarry K- VEZ

The "BARG NEWS CONTRIBUTION KITS" are still available @ \$1 despite heavy demand and represent good value for money. Those that have purchased them have found them very good value.

TO QRP OR NOT TO P - that seems to be the burning question.

Every time you think: THAT'S the life, that's the time when someone comes up with some ripper idea which stirs up the tranquil atmosphere and throws rocks on everyone's roof. Some guys just can't leave well enough alone, can't they? So we were treated to a highly stimulating tech-talk last meeting regarding QRP, which is the poor man's answer to the high-power multi-KW afterburners some fellers are sporting on air (or under their beds, rumour has it). Heard even some character mumble: "That stands for QUEER RADIO PRACTICES, I reckon" - but never mind these malcontents. May St. Ohm forgive them, for they know not what they do. So Bob stood there, bristling with superior knowledge, and showed us all how it is done. It's all very simple, really, chaps. You just feed in the glugalumpf here and put it through the nardeedoo, then modulate it with the whatsit and feed it through the dingadong, for better results you can add some rocks and a handful of softboiled cannelloni, stir gently and there you have it, - QRP. Voila! It's all soooo simple, almost ANYBODY could do it. Magic lines and boxes appear on the blackboard, sacred mystical symbols from a long forgotten civilization, interwoven with fragments of words from ancient languages. Fabulous, - sudden flashes of spiritual illumination strikes the audience, who start to perspire and breathe heavily - some even stop breathing altogether. Religious fervor grips them, - hushed silence, - awestruck looks flash around the room, - or is it merely indigestion rearing its ugly head? Who knows? Indeed, WHO KNOWS? Some nod wisely. Others hope against hope that nobody will notice that they really haven't got a clue what this is all about and mumble agreement whenever there is a pause, with a fixed grin which is designed to indicate total understanding, - who's kidding who?

Have to go home and look the whole thing up in some book on occult practices, I think. In any event, it seems like a good thing to try. As I said, - Who knows? It might actually work. If it doesn't, you can always sell it to Clem at the next sale.

- Henry Vmo.

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ONE OF THE SPECIES

by 3DS

Wireless started for me in Donald in 1925 when at the age of five I made my first "set".

I had already discovered electricity - by putting my thumb into the wall mounted lampholder, the then 'power point' for the new fangled electric iron which not too many people were game enough to use as electricity was held in very great respect for it's danger. This was probably justified as the wiring was all open, the insulation was poor and there was no earth. At night one had to become accustomed to the heavy thump of the old Ruston Hornsby at the local power station until it closed down at midnight to be replaced by the delightful aroma of new bread from the local bakery.

Well about this "set" of mine. It came about for the reason that at that time my father brought home a new factory made "wireless set". Imagine if you can a polished wooden box about the size of a small coffin with a black ebonite panel about four feet long with a row of tuning dials for the neutralized triode RF stages, a leaky grid detector and an audio amplifier which whistled up enough audio to drive a pair of headphones! On a good night when the static allowed it was possible to hear a station in Melbourne and when friends called my Mother would bring forth her best crystal salad bowl int. which the head phones were gently placed so that all (with some imagination) could hear the programme. So you can imagine the interest this created in the little lad and very quickly his "set" was made ...a chalk box with buttons sewn on for knobs. Quite frankly I think I could hear about as much on it anyhow and it didn't need a battery for filaments recharged every week and three huge "B" batteries to make it go. It made a nice change to "listen to" at night after a busy day playing my old gramophone with the broken spring, chasing the other kids with an old double barrel muzzleloader or catching bullants in a match box. Seems that the only interest I relinquished in later life was entomology - possibly I found a similarity between bullants and electricity!

I was next excited following a visit to an uncle in Winchelsea where a box screwed onto the wall produced a very good reception from somewhere through it's headphones. What amazed me was that there was no switch to turn the darn thing off, it just worked all the time!

From this point I became an avid crystal set builder .. very very "in" in those years with new circuits appearing each week even in the newspapers. Some were made in matchboxes some had multiple tuned circuits and they worked, and of course there was something to listen to as more stations came on the air. Incidentally DX occurred even then and for those interested in this aspect I suggest you have a yarn with my old pal Jamie JMC.

Now that the 'bug' had gained a firm hold it was natural to proceed to the making of a one valve set and to this end an A415 was purchased for me from Harry 3XI in Warrnambool. Unfortunately when carefully removing it from my pocket I dropped it .. on to concrete! So Harry sold two valves that week! The constructional details from a magazine were painstakingly followed and in time it was finished but for enough wire to wind a broadcast band coil so greatly daring I wound (on the base of the broken valve) a short wave coil, and plugged it in, connected up the mess of batteries, plugged in the headphones and in great trepidation switched it on. To my amazement it worked and a loud whistle signalled the presence of a station so a quick twiddle

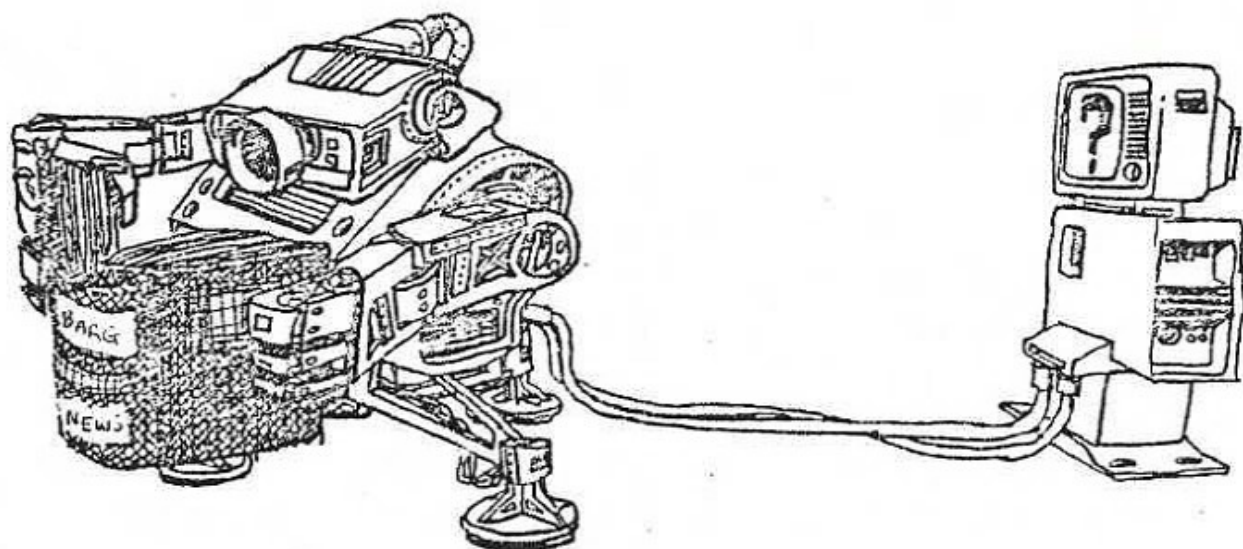
of the reaction condenser and hey presto my very first overseas station, the GBC in London. You can probably relize the excitement of a thirteen years old boy so I use this as my excuse to mention what happened next. Urgently my parents had to be told of my success and induced to come and listen so away I hared to get them. Unfortunately I forgot that I was wearing headphones so as I went out through the door my masterpiece followed closely pursued by the batteries! What a crash and what a mess. However Harry was denied a further valve sale as it miraculously survived and when sorted out all worked as before and soon enabled me to discover "hams". The first I think was Les 3DX and of course Harry 3XI and there were another one or two in Warrnambool in those days. Also 200 metre ham broadcasts on a Sunday were very popular as there was no broadcast station until 3YB came around in a bus and later a railway carriage shunted off onto a siding at the station where a huge aerial was erected which everyone had to go and see. 3YB finally stayed in Warrnambool and set up in a farm house at Spring Gardens and has never looked back.

About this time I was shot off to school in Geelong (no doubt for peace) where I met two kindred spirits and together we formed the Radio Guild. One was Jamie 3NC the other Tom 4NUN. Between us we learned a lot about Radio as it was now called but at the expense of our academic acheivement! The stories of this era would fill a book but suffice to say that by this time I had a nice four valve short wave set in gleaming aluminium, an A412 RF (screen grid..the latest) the old A415 detector an A409 and A405 audio stages and was an avid shortwave listener. Not too long after this on a visit to Hamilton I found that my old friend Stan 3SZ had obtained his ticket and was on the air, and for the first time I was introduced to that leering monster the microphone. Gathering my courage I managed to blurt some non sensical salutation to the understanding fellow at the other end. I think it was that fine gentleman Tim 3TW who was ever ready to help the young tyro. Tim always seems to have been associated with radio both ham and commercial at 3HA but in those days he was the manager at the excellent picture theatre in Hamilton where he was visable nightly greeting patrons and conducting his business dressed as was the custom in dinner suit.

Well now, the gauntlet was down..I had to be a ham .. the next exam in three months time .. so still fresh from my scholerly pursuit I swotted as I had never swotted before. Had I shown such dedication I may even have done well at school as I passed the three hour written exam and returned in the afternoon for the code test which was held in one of those little rooms up near the top of the tower of the Ballarat Post Office. Bring your own key oscillator and phones they said - which I did but missed the implication of the plural of phone so I had to read my key clicks when sending! One becomes very determined under little adversities like this so all was well and in due course the AOCP arrived application was made for a call sign and th WIA was joined. I built a new, hot TRF receiver using those modern ('38) valves 57,58 and 2A5 all second hand which worked like a beauty for several months. Then I did a very silly thing, I visited Bob 3GR who lived nearby and talked him into blowing the dust off his transmitter and coming back on the air.... which he did.... and that was the end of the TRF as I could'nt hear a thing when Bob opened up! So it was back to the workshop to build a super het. , the first of a long line of "Super Gainer" and "Ultra Gainer"s from the old Jones Handbook which was the best.....

to be continued.....

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NEXT MONTH.....



some electronic poetry.....

ADVERTISING



Plant a tree today

FOR SALE - Kenwood TS520 se - New, never been fired up -
Maurie Batt - ph 422245.

WANTED - Xtals Ch 8 for IC22A - Will swap for Ch 3 -
Bill Johnson Ph Skipton 22.

WANTED - Cct and Ch 3 Tx Xtal Fr MR6A - Clem NGL 31479.

For SALE - Ext VFO will suit Kenwood TS120s or v -
Ernie Turner 326964 (h).

for SALE - Kenwood 120V - 450\$ Neg. - Tim Palmer 323441

for Sale - Shinwa TVI lo pass filter - \$18 - Richard VUT - 327237.

LATE NEWS -
WANTED TO BUY
MIC TO SUIT
TS120V -
A. FOWLER
326863.

WE CAM news -

BRIAN STARES is now an agent for

KENWOOD equip.

and can supply YAESU equip as well as coax,
connectors etc - ph 392808.